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000525

D350-822-013
Job Sheet 185013



Part No: D350-822-013

Job Qty: 1 ea

Part Name: PA100 PUREair System for AS350/EC130 - Provisions



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/20/18

Job Tracking No:

Due Date: 11/14/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: IIN-D350-822 REV.H IPP REV:A 16.09.01 NEW ISSUE DD VERF:JFS IPP Rev.B 17.07.11 As per IIN Rev.G
DP Verify DD IPP REV:C 18.07.11 AS PER IIN REV.H DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea	11/14/18	11/14/18	0.00	0.00	Start Up Stores/Pkg-1		NOV 19 2018
110	Packaging	1 pcs	11/14/18	11/14/18	0.00	0.00	Packaging1-4 DAS		NOV 19 2018
120	QC	1 pcs	11/14/18	11/14/18	0.00	0.00	QC4 69 DAS		NOV 19 2018
130	Packaging	1 pcs	11/14/18	11/14/18	0.00	0.00	Packaging3-1 9-89 69		NOV 19 2018
135	DC	1 pcs	11/14/18	11/14/18	0.00	0.00	DC 9-89		NOV 19 2018
140	QC21-FG	1 Ea	11/14/18	11/14/18	0.00	0.00	QC21		NOV 19 2018

Part Op 130 - Identify and pack for shipping as per PPP D350-822-013

Descriptions: 135 - Photocopy bluefile & type labels per PPP D350-822-013 CHG003

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
23350CA050	Washer	2 Ea (2 ea)	90-Start up Operation	5115036
650.0401	Pureair Fairing Assembly	1 Ea (1 ea)	90-Start up Operation	5124266
8411999090	Gasket - P/N 9752100180	1 pcs (1 ea)	90-Start up Operation	5050837
9945000120	Gasket (for B3e models)	1 pcs (1 ea)	90-Start up Operation	5116594
AN821-12J	Elbow (or AN821-12K or 12S)	2 Ea (2 ea)	90-Start up Operation	5103848
AN929-12J	Cap	1 Ea (1 ea)	90-Start up Operation	5103922
D4925-041	Mounting Plate Assembly	1 Ea (1 ea)	90-Start up Operation	5114065
D4931-1	Engine Fitting (for acft models B2 & previous)	1 Ea (1 ea)	90-Start up Operation	5059437
D4931-3	Engine Fitting (For B3 Models)	1 Ea (1 ea)	90-Start up Operation	511658
D4931-5	Engine Fitting (for B3e models)	1 Ea (1 ea)	90-Start up Operation	511908
D4935-1	Mounting Bracket	6 Ea (6 ea)	90-Start up Operation	3110378
D4943-1	Flex Hose	1 Ea (1 ea)	90-Start up Operation	5125457
D4961-041	Tube Assembly	1 Ea (1 ea)	90-Start up Operation	5110840
D4961-043	Tube Assembly	1 Ea (1 ea)	90-Start up Operation	5113631
D5079-1	Placard, Eaps	2 Ea (2 ea)	90-Start up Operation	5112849
D5090-041	Duct Assembly	1 Ea (1 ea)	90-Start up Operation	5115814
D5105-1	Handle	2 Ea (2 ea)	90-Start up Operation	5110322
D5110-1	Swivel Nut Fitting	1 Ea (1 ea)	90-Start up Operation	5097745
D5179-1	Doubler	2 Ea (2 ea)	90-Start up Operation	3112597
D5179-3	Doubler	2 Ea (2 ea)	90-Start up Operation	5118022
D5194-1	Doubler	2 Ea (2 ea)	90-Start up Operation	5122034
D5208-041	Blanking Plate Assembly	3 Ea (3 ea)	90-Start up Operation	5116998

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Cross tube ☐ Water Jet ☐ Engineering ☐ Machining ☐ Small Fab ☐ Prod. Eng. Coord. ☐ Quality ☐ Thermoforming ☐ Finishing ☐ Rec/Store/Packaging ☐ Other ☐ Large Fab ☐ Composite ☐ Supplier ☐																																																	
Date : _____		Step # : _____		QTY Effective : _____			MRB (QSI042) Approval																																														
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																													
Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 CANADA TEL.: 1 613 632-5200 Email: sales@dartaero.com www.dartaerospace.com Container No: S129063 Part: D350-822-013 Job No: 185013 Serial No/Batch: S129063 Revision: H Inspector: Exp Date: Instructions: TC STC SH14-14 - Issue 2, FAA STC SR03538NY 15/09/22, EASA Root Cause <table border="1" style="width:100%; border-collapse: collapse;"><tr><td>Environment</td><td>☐</td><td>No Re-verification</td><td>☐</td></tr><tr><td>Design</td><td>☐</td><td>Operator</td><td>☐</td></tr><tr><td>Doc/Data</td><td>☐</td><td>Offset/Setup</td><td>☐</td></tr><tr><td>Equip/Tooling</td><td>☐</td><td>Supplier</td><td>☐</td></tr><tr><td>Handling/Pre</td><td>☐</td><td>Training</td><td>☐</td></tr><tr><td>Material</td><td>☐</td><td>Use for Testing</td><td>☐</td></tr><tr><td>Internal Transport</td><td>☐</td><td>Poor Information</td><td>☐</td></tr><tr><td>Tribal Knowledge</td><td>☐</td><td>Rushing</td><td>☐</td></tr><tr><td>LOA</td><td>☐</td><td>Product Improvement</td><td>☐</td></tr><tr><td>Substation</td><td>☐</td><td>Process Improvement</td><td>☐</td></tr><tr><td>Past Expiry Date</td><td>☐</td><td>Manufacturing Process</td><td>☐</td></tr><tr><td>Misidentified</td><td>☐</td><td>Past Due</td><td>☐</td></tr></table> OTHER : _____				Environment	☐	No Re-verification	☐			Design	☐	Operator	☐	Doc/Data	☐	Offset/Setup	☐	Equip/Tooling	☐	Supplier	☐	Handling/Pre	☐	Training	☐	Material	☐	Use for Testing	☐	Internal Transport	☐	Poor Information	☐	Tribal Knowledge	☐	Rushing	☐	LOA	☐	Product Improvement	☐	Substation	☐	Process Improvement	☐	Past Expiry Date	☐	Manufacturing Process	☐	Misidentified	☐	Past Due	☐
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Misidentified	☐	Past Due	☐																																																		

LN9038-05012	Bolt	36 pcs (36 ea)	90-Start up Operation	5104059
LN9038-05040	Bolt	1 pcs (1 ea)	90-Start up Operation	5119862
LN9348-05	Nut	32 pcs (32 ea)	90-Start up Operation	5117991
MS20470AD3-4	Rivet, Universal Head	18 Ea (18 ea)	90-Start up Operation	MS20470AD3-4
MS21919WCH12	Clamp	1 Ea (1 ea)	90-Start up Operation	5089243
MS9592-138	Bracket	1 pcs (1 ea)	90-Start up Operation	5014155
NAS1149D0332J	Washer	70 Ea (70 ea)	90-Start up Operation	5100407
NAS43DD3-64	Spacer	1 Ea (1 ea)	90-Start up Operation	5113816
22208CM050016E	Screw	2 pcs (2 ea)	90-Start up Operation	5115291
9945000160	Gasket	1 Ea (1 ea)	90-Start up Operation	5107210
D5526-1	Upper Hose Protector	1 Ea (1 ea)	90-Start up Operation	5118043
D5526-3	Lower Hose Protector	1 Ea (1 ea)	90-Start up Operation	5118052
LN9038-05016	Bolt	2 pcs (2 ea)	90-Start up Operation	5117992

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	22208CM050016E	2	30	0
	23350CA050	2	58	0
	650.0401	1	1	0
	8411999090	1	8	0
	9945000120	1	26	0
	9945000160	1	26	0
	AN821-12J	2	52	0
	AN929-12J	1	26	0
	D4925-041	1	8	0
	D4931-1	1	11	0
	D4931-3	1	7	0
	D4931-5	1	7	0
	D4935-1	6	74	0
	D4943-1	1	12	0
	D4961-041	1	15	0
	D4961-043	1	16	0
	D5079-1	2	38	0
	D5090-041	1	7	0
	D5105-1	2	30	0
	D5110-1	1	15	0
	D5179-1	2	45	0
	D5179-3	2	46	0
	D5194-1	2	11	0
	D5208-041	3	25	0
	D5526-1	1	23	0
	D5526-3	1	21	0
	LN9038-05012	36	749	0
	LN9038-05016	2	126	0
	LN9038-05040	1	61	0
	LN9348-05	32	453	0
	MS20470AD3-4	18	6,437	0
	MS21919WCH12	1	26	0
	MS9592-138	1	32	0
	NAS1149D0332J	70	2,070	0
	NAS43DD3-64	1	41	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

5.0 PARTS LIST

QTY -011	QTY -013	PART NUMBER	DESCRIPTION
X		D350-822-011	PA100 PUREAIR SYSTEM
	X	D350-822-013	PA100 PUREAIR PROVISIONS
1		QB05008	PUREAIR SYSTEM
1**		QR10616	TUBE REPAIR KIT
1**		QB21304	PUREAIR PANEL ASSY
1**		QB21310	TRANSITION DUCT ASSY
1**		QB21308	FOD SCREEN ASSY
15**		LN29985-A05	ANCHOR NUT
56**		LN9038-05018	BOLT
56**		BS4320-A5	WASHER
40**		MS20426AD3-3	RIVET
1	1	650.0401	PUREAIR FAIRING ASSY
1	1	D4925-041	MOUNTING PLATE ASSY
1*	1*	D4931-1	ENGINE FITTING
1*	1*	D4931-3	ENGINE FITTING
1*	1*	D4931-5	ENGINE FITTING
6	6	D4935-1	MOUNTING BRACKET
1	1	D4943-1	FLEX HOSE
1	1	D4961-041	TUBE ASSEMBLY
1	1	D4961-043	TUBE ASSEMBLY
2	2	D5079-1	PLACARD
1	1	D5090-041	DUCT ASSEMBLY
2	2	D5105-1	HANDLE
1	1	D5110-1	SWIVEL NUT FITTING
2	2	D5179-1	DOUBLER
2	2	D5179-3	DOUBLER
2	2	D5194-1	DOUBLER
3	3	D5208-041	BLANKING PLATE ASSY
1	1	D5526-1	HOSE PROTECTOR
1	1	D5526-3	HOSE PROTECTOR
2	2	23350CA050	LOCKING TAB
1*	1*	9752100180	GASKET
1*	1*	9945000120	GASKET
1*	1*	706A33-201-001	GASKET (OR 9945000160)
2	2	22208CM050016E	SCREW
2	2	AS1034J1212	ELBOW (OR AN821-12K OR AN821-12S OR AN821-12J)
1	1	AN929-12J	CAP
70	70	BS4320-A5	WASHER (OR NAS1149D0332J)
36	36	LN9038-05012	BOLT
2	2	LN9038-05016	BOLT
1	1	LN9038-05040	BOLT
32	32	LN9348-05	NUT
18	18	MS20470AD3-4	RIVET
1	1	MS21919WCH12	CLAMP (OR MS21919WHG12)
1	1	MS9592-138	BRACKET
1	1	NAS43DD3-64	SPACER

* USE APPROPRIATE FITTING/GASKET BASED ON ENGINE INSTALLATION

** PART OF QB05008 ABOVE

NE-PT-1001 001 A

NE-PT-1001 001 A

NE-PT-1001 001 A